

ABSTRACT

A method of producing fuel injectors for internal combustion engines provides for establishing a working life of each injector conforming with the working life of the internal combustion engine on which it is installed. Each injector has an injector body having a seat; a valve body housed inside the seat so as to form an annular chamber, for receiving high-pressure fuel, and a gap communicating with the annular chamber; and a seal housed inside the annular chamber to seal the gap. The seal is sized as a function of the permanent deformation to which the seal is subjected during use of the injector, so as to achieve a working life of the injector substantially equal to the working life of the engine.

T03222T "HE34E00T